

Claim 1 (twice amended). Polysiloxane compositions which cross-link by condensation and which comprise:

- a) at least one cross-linkable polysiloxane comprising as a reactive terminal group at least one of the following groups;

-O-SiR<sup>1</sup><sub>2</sub>OH,

-O-SiR<sup>1</sup>(OR<sup>2</sup>)<sub>2</sub>, or

-O-Si(OR<sup>2</sup>)<sub>3</sub>,

wherein

R<sup>1</sup> denotes optionally substituted C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>6</sub>-C<sub>14</sub>-aryl or C<sub>2</sub>-C<sub>8</sub>-alkenyl groups, and

R<sup>2</sup> denotes optionally substituted linear or branched C<sub>1</sub>-C<sub>8</sub>-alkyl or C<sub>2</sub>-C<sub>8</sub>-alkoxyalkyl groups, and R<sup>1</sup> and R<sup>2</sup> can be the same or different within the molecule,

- b) at least one basic filler and optionally other fillers,
- c) at least one phosphorus compound selected from the group consisting of
  - i) orthophosphoric acid esters of the following formula:



in which

n denotes 0, 1 or 2, and

R<sup>3</sup> denotes an optionally substituted linear or branched C<sub>1</sub>-C<sub>30</sub>-alkyl, C<sub>1</sub>-C<sub>30</sub>-acyl, C<sub>2</sub>-C<sub>30</sub>-alkenyl, C<sub>2</sub>-C<sub>30</sub>-alkoxyalkyl, C<sub>5</sub>-C<sub>14</sub>-cycloalkyl or C<sub>6</sub>-C<sub>10</sub>-aryl group or a triorganosilyl or diorganoalkoxysilyl group, and each R<sup>3</sup> can be the same or different within the molecule,

wherein when n denotes 1 or 2, at least one of the substituents R<sup>3</sup> is an optionally substituted linear or branched C<sub>1</sub>-C<sub>30</sub>-alkyl, C<sub>1</sub>-C<sub>30</sub>-acyl, C<sub>2</sub>-C<sub>30</sub>-alkenyl, C<sub>2</sub>-C<sub>30</sub>-alkoxyalkyl, C<sub>5</sub>-C<sub>14</sub>-cycloalkyl or C<sub>6</sub>-C<sub>10</sub>-aryl group,

and wherein when n denotes 0, at least one of the substituents R<sup>3</sup> is a triorganosilyl or diorganoalkoxysilyl radical,

and ii) esters of polyphosphoric acid,

- d) at least one alkoxy silane cross-linking agent selected from the group consisting of tetraethoxysilane, tetra-n-propoxysilane, methyltriethoxysilane, methyltrimethoxysilane, methyltri(2-methoxyethoxy)silane, vinyltrimethoxysilane, vinyltriethoxysilane and partial hydrolyzates thereof,
- e) at least one organometallic compound selected from the group consisting of organic titanium compounds and organic tin compounds and
- f) optionally other auxiliary substances selected from the group consisting of plasticizers, bonding agents, pigments and fungicides.

0.1 to 25 parts by weight of c),  
1 to 30 parts by weight of d),  
0.1 to 20 parts by weight of e) and  
0 to 240 parts by weight of f).

**Claim 9 (Amended).** Polysiloxane compositions according to claim 1,  
wherein the auxiliary substance f) has the following composition:

0-100 parts by weight of plasticizers,  
0-20 parts by weight of bonding agents,  
0-100 parts by weight of pigments,  
0-20 parts by weight of fungicides,

the sum of all the components f) in the mixture amounting to a maximum of 240 parts  
by weight.

**Claim 10 (Amended).** Process for the production of the polysiloxane  
compositions of claim 1, wherein the basic fillers b) and the phosphorus compound c),  
optionally dissolved in a solvent, are mixed in a preliminary operation.

**Claim 13 (Amended).** Sealants, adhesives or coating compositions  
comprising a composition of claim 1.

**Claim 3 (Amended).** Polysiloxane compositions according to claim 1,  
wherein the basic fillers b) are precipitated or ground chalks.

**Claim 4. [Indicated by Examiner as comprising  
allowable subject matter, and thus, not under  
appeal].**

**Claim 5 (Amended).** Polysiloxane compositions according to claim 1,  
wherein the alkoxy silane cross-linking agent d) is tetraethoxysilane, tetra-n-  
propoxysilane, methyltriethoxysilane, methyltrimethoxysilane, methyltri(2-  
methoxyethoxy)silane, vinyltrimethoxysilane or vinyltriethoxysilane.

**Claim 6 (Amended).** Polysiloxane compositions according to claim 1,  
wherein the organometallic compound e) is an organic titanium or tin compound.

**Claim 7, cancelled.**

**Claim 8 (Amended).** Polysiloxane compositions according to claim 1,  
consisting essentially of

100 parts by weight of a),

10 to 250 parts by weight of b),